

Amendments to the Specification

On page 7, please delete lines 10-15.

On page 11, lines 25-31 through page 12, lines 1-10, please replace with the following rewritten paragraph:

--The data network according to embodiments of the present invention comprises further:

- A third network level 102 having a third addressing scheme, the resources of ~~said third protocol layer~~ the third network level 102 is controlled by a third group of NRMs a. The third group of NRMs a comprises means for exchanging resource requests with NRMs of the first network level using the first addressing scheme. The NRMs of the third group comprise in accordance with one embodiment of the present invention means for performing a mapping between the third addressing scheme and the first addressing scheme. The third network level is, when the second network layer is a link protocol layer, according to one embodiment of the invention an IP layer or higher protocol layer, i.e. a protocol layer on top of the IP layer such as a transport protocol layer or an application protocol layer, used to control an overlay network. Thus, the overlay network may be implemented on a protocol level on top of the IP layer or on a second IP layer but using different addressing schemes from the first IP layer as mentioned above. In accordance with a further embodiment of the present invention, the third network layer

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level is a link protocol layer provided that the second network
~~layer~~ level is an overlay network.--